

FARE MATRIX AND BUSINESS MANUAL OF JAIPUR METRO

Revenue operation of Jaipur Metro is scheduled to commence on or before 31st March, 2015.

One critical task for Jaipur Metro Rail Corporation (JMRC) before commencing revenue operations was to decide the fare structure (Fare Matrix) and prepare a Business Manual incorporating all the regulations that will govern its Automatic Fare Collection (AFC) system and regulate the use of Contactless Smart Token (CST) and Contactless Smart Card (CSC) thereon.

As per Section 33 of the Metro Railways (Operation & Maintenance) Act, 2002, which will govern the operation of Jaipur Metro, the competent authority to approve and notify the fare structure and related regulations on the initial opening of Metro operations, is the metro railway administration, i.e., the Board of Directors of JMRC.

FARE MATRIX

For deciding a fare structure for Jaipur Metro, the matter was last considered by the Board of Directors of JMRC at their meeting held on 28th March, 2014 wherein the Board constituted a Committee, consisting of following members, to examine all related aspects and suggest for consideration of the Board a fare matrix that is effective in diverting travelling public from other modes of transport to Metro system:

- i. Shri Ashwani Saxena, Director (Project), JMRC
- ii. Shri C. S. Jeengar, Director (Operations & Systems), JMRC
- iii. Managing Director, JCTSL
- iv. Shri V.P.Singh, RTO, Jaipur
- v. Shri Shyam Lal Agarwal, Financial Expert, JMRC

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

Having considered the report of this Committee and the Committee of Directors, the Board of Directors of JMRC has, in its meeting held today, decided the fare structure for Jaipur Metro as under:-

I Revenue operation of Jaipur Metro will cover the following 9 stations:

(Distance in kms)

SN	Stations	Man-sarovar	New Aatish Market	Vivek Vihar	Shyam Nagar	Ram Nagar	Civil Line	Railway Station	Sindhi Camp	Chand-pole
1	Mansarovar	0.00	1.45	2.56	3.44	4.19	5.30	6.82	8.07	8.86
2	New Aatish Market	1.45	0.00	1.11	1.99	2.73	3.84	5.36	6.62	7.41
3	Vivek Vihar	2.56	1.11	0.00	0.88	1.63	2.74	4.26	5.51	6.30
4	Shyam Nagar	3.44	1.99	0.88	0.00	0.75	1.85	3.38	4.63	5.42
5	Ram Nagar	4.19	2.73	1.63	0.75	0.00	1.11	2.63	3.88	4.67
6	Civil Lines	5.30	3.84	2.74	1.85	1.11	0.00	1.52	2.77	3.56
7	Railway Station	6.82	5.36	4.26	3.38	2.63	1.52	0.00	1.25	2.04
8	Sindhi Camp	8.07	6.62	5.51	4.63	3.88	2.77	1.25	0.00	0.79
9	Chandpole	8.86	7.41	6.30	5.42	4.67	3.56	2.04	0.79	0.00

II Fare Structure

No. of Stations travelled	Standard Fare for Peak Hours (in Rs.)	Standard Fare for Off-peak Hours (in Rs.)
0 to 2 stations	10	5
3 to 5 stations	15	10
6 to 8 stations	20	15

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

III Fare Matrix Tables

A. Standard Fare

A-1 For Peak hours

Figures in Rs.

Station	MSOR	NAMT	VKVR	SMNR	RMNR	CLJP	MRSN	SICP	CDPE
MSOR	10	10	10	15	15	15	20	20	20
NAMT	10	10	10	10	15	15	15	20	20
VKVR	10	10	10	10	10	15	15	15	20
SMNR	15	10	10	10	10	10	15	15	15
RMNR	15	15	10	10	10	10	10	15	15
CLJP	15	15	15	10	10	10	10	10	15
MRSN	20	15	15	15	10	10	10	10	10
SICP	20	20	15	15	15	10	10	10	10
CDPE	20	20	20	15	15	15	10	10	10

A-2 For Off-Peak hours

Figures in Rs.

Station	MSOR	NAMT	VKVR	SMNR	RMNR	CLJP	MRSN	SICP	CDPE
MSOR	5	5	5	10	10	10	15	15	15
NAMT	5	5	5	5	10	10	10	15	15
VKVR	5	5	5	5	5	10	10	10	15
SMNR	10	5	5	5	5	5	10	10	10
RMNR	10	10	5	5	5	5	5	10	10
CLJP	10	10	10	5	5	5	5	5	10
MRSN	15	10	10	10	5	5	5	5	5
SICP	15	15	10	10	10	5	5	5	5
CDPE	15	15	15	10	10	10	5	5	5

Notes to Fare Matrix Tables:

- (i) Abbreviations used in the Fare Matrix Tables for various station names:

MSOR	-	Mansarovar	NAMT	-	New Aatish Market
VKVR	-	Vivek Vihar	SMNR	-	Shyam Nagar
RMNR	-	Ram Nagar	CLJP	-	Civil Lines
MRSN	-	Railway Stn.	SICP	-	Sindhi Camp
CDPE	-	Chandpole			

(ii) Automatic Mid-term Fare Correction Formula:

The standard fare for peak and off-peak hours shall be automatically updated once every 2 years after commencement of revenue operation, using the following mid-term fare correction formula:

The first updated fare (F_1) shall be effective from 01.04.2017 and shall be calculated as under:

$$F_1 = F_0 \times V$$

F_1 = First updated fare (to be effective from 01.04.2017)

F_0 = Initial Standard fare (as in Tables A-1 and A-2)

V = Variation factor for O&M cost to be calculated as under:

$$V = [0.35 \times \frac{(E_1 - E_0)}{E_0}] + [0.35 \times \frac{(S_1 - S_0)}{S_0}] + [0.30 \times \frac{(R_1 - R_0)}{R_0}]$$

E_0 = Per unit purchase cost of JVVNL supply payable by JMRC as on 1st Jan., 2015

E_1 = Per unit purchase cost of JVVNL supply payable by JMRC as on 1st Jan., 2017

S_0 = Dearness Allowance (DA) rate for State Govt. employees as on 1st Jan., 2015

S_1 = DA rate for State Govt. employees as on 1st Jan., 2017

R_0 = Monthly All India CPI (General) for Industrial Workers for Jan., 2015

R_1 = Monthly All India CPI (General) for Industrial Workers for Jan., 2017

The updated fare so arrived at shall be rounded off to nearest Re.1/- (i.e., if the effect of variation on fare is below 50 paise, the same shall be ignored and for the effect of 50 paise or more, the fare shall be increased by Re. 1/-).

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

Next updation after two years under this automatic mid-term fare correction formula shall be worked out on the above method by taking various indices for 2017 in place of 2015 and for 2019 in place of 2017 for the fare to be effective from 01.04.2019 and so on for subsequent updations, to be implemented with the approval of the Jaipur Metro Railway Administration.

- (iii) The peak/off-peak hours shall be decided by the management of JMRC in the next 6 months' time, based on the pattern of actual ridership data and other relevant factors. The management of JMRC reserves the right to declare the entire duration of business hours as peak hours. Meanwhile, for the first six months of operation, the trains shall run at off-peak hour rates throughout the business day, as an introductory offer:

B. Introductory Fare:

For the first six months of Operation

Figures in Rs.

Station	MSOR	NAMT	VKVR	SMNR	RMNR	CLJP	MRSN	SICP	CDPE
MSOR	5	5	5	10	10	10	15	15	15
NAMT	5	5	5	5	10	10	10	15	15
VKVR	5	5	5	5	5	10	10	10	15
SMNR	10	5	5	5	5	5	10	10	10
RMNR	10	10	5	5	5	5	5	10	10
CLJP	10	10	10	5	5	5	5	5	10
MRSN	15	10	10	10	5	5	5	5	5
SICP	15	15	10	10	10	5	5	5	5
CDPE	15	15	15	10	10	10	5	5	5

- (iv) The Jaipur Metro Railway Administration reserves the right to extend the validity of Introductory Fare for a further period of upto six months (i.e., up to 12 months of revenue operation) if further promotion is considered desirable.

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

- (v) For the smart card users, the fare shown in the Fare Matrix Tables (A-1, A-2 & B) shall be subject to the following discount:

Fare	Discount
Less than Rs.10	Nil
Rs.10 or more but less than Rs. 20	10%
Rs. 20 or more	15%

- (vi) This fare structure will continue to be applicable until fresh Fares are fixed by the Jaipur Metro Railway Administration on the recommendation of the Fare Fixation Committee constituted under section 34(1) of the Metro Railways (O&M) Act, 2002.

IV. Highlights of Fare Matrix

1. The fare structure decided by JMRC takes due note of all the relevant factors, like revenue projections of the DPR, prevailing fare in competing modes, the fare structure of other Metros, and the need to cut down on transaction time and transaction costs.
2. Fares decided are competitive and it is hoped that these will lead to the desired change in consumer preferences, divert one and all from other systems of transport to Metro system, and make Jaipur Metro an affordable and the most preferred mode of public transportation in the city.
3. Going by suggestions of the Tariff Commission, M/o Commerce & Industry, GoI, JMRC has fixed differentiated fares for peak and off-peak hours. At the same time, it has decided that, as an introductory offer, during the first six months of operation, the fare of off-peak hours shall be charged throughout the business day, as this will help in changing commuter preferences and encourage them to shift from other modes to Metro. This will also give time to JMRC to work out the details of peak/off-peak hours and suitably

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

modify its AFC system to accept this kind of time-based differentiation.

4. The passengers shall be provided a flat discount of Rs. 5 in each slab for off-peak hours of travel.
5. To minimize transaction time and the problems of coin handling, initial standard fare has been fixed in multiples of Rs. 5.
6. Given that the average distance between two Metro stations is about one km, the fare slabs have been based on the number of stations travelled rather than the number of kms, to make it easier for the general public to comprehend.
7. To accommodate variations in major components of the operational cost like electricity tariff, employee salaries, and maintenance activities, etc., the fare structure announced today includes a formula for automatic mid-term correction of fares.
8. We are confident that this fare structure will be well received by the commuting public and will thereby succeed in attracting maximum people to the Metro system.

AFC BUSINESS MANUAL

The Board of Directors of JMRC in its meeting held on 30th December, 2013 had accorded their in-principle approval to the draft Business Rules and authorized Committee of Directors, comprising the CMD and the four functional Directors of the company, to review, finalise and issue the aforesaid Business Rules.

The Committee of Directors deliberated on the draft business rules in great detail, while also considering the rules prevailing in Bangalore, Kolkata and Mumbai Metros, and finalized its own version of Business

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

Manual that will govern the Automatic Fare Collection system of Jaipur Metro.

The Business Manual so prepared has been approved by the Board in its meeting held today.

HIGHLIGHTS

The Business Manual of JMRC provides for the following types of fare products:

1. Contactless Smart Token

This token will be issued from Ticket Office and Ticket Machines at all the Metro stations for a single point-to-point journey.

2. Contactless Smart Cards

2.1 Daily Commuter Card:

This card will be issued from the Customer Care Centre and/or Ticket Office at all the Metro stations.

Main features of a typical Daily Commuter Smart Card are given below:

Figures in Rs.

Refundable Security deposit	50								
Minimum Top-up	50								
Maximum Top-up	1000								
In multiples of	50								
Refund processing fee (within validity)	25								
Replacement cost of a damaged card	50								
Validity from last recharge	3 years								
Discount on journeys performed with card									
	<table><thead><tr><th><u>Fare of the journey</u></th><th><u>Discount</u></th></tr></thead><tbody><tr><td>Less than Rs. 10</td><td>Nil</td></tr><tr><td>Rs. 10 or more but less than Rs. 20</td><td>10%</td></tr><tr><td>Rs. 20 or more</td><td>15%</td></tr></tbody></table>	<u>Fare of the journey</u>	<u>Discount</u>	Less than Rs. 10	Nil	Rs. 10 or more but less than Rs. 20	10%	Rs. 20 or more	15%
<u>Fare of the journey</u>	<u>Discount</u>								
Less than Rs. 10	Nil								
Rs. 10 or more but less than Rs. 20	10%								
Rs. 20 or more	15%								

These cards can be re-charged not only at Metro Stations, but also through World Wide Web. At Metro stations, Metro card will be recharged through cash or a debit or credit card of any bank.

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

2.2 Combo Card:

JMRC has already entered into a MoU with HDFC Bank and accordingly co-branded Combo Cards will be issued by HDFC Bank which will be used on Jaipur Metro system just like Daily Commuter Smart Cards issued by Jaipur Metro.

2.3 Tourist Card:

There will be two types of Tourist Cards, one-day tour card and three-day tour card, as under:

Tourist Card	Fare	Refundable Security Deposit	Amount in Rs.
			Total Cost of the Card
One-day Tour Card (which can be used on any one business day for unlimited number of trips)	50	50	100
Three-day Tour Card (which can be used on any three consecutive business days for unlimited number of trips)	150	50	200

3. Group Ticket:

Manual paper tickets will be issued to groups of more than 20 commuters, on their request, at a discount of 10%.

Now that the Automatic Fare Collection Business Manual and Fare Matrix for Jaipur Metro have been finalized and approved, the AFC Gates, Ticket Office Machines, Ticket Vending Machines, etc., will be programmed in line with the Manual, the Fare Matrix will be fed into the Automatic Fare Collection system and tested before commencement of revenue operations.

JAIPUR METRO RAIL CORPORATION

Press Note/20.02.2015

The Jaipur Metro Smart Cards and HDFC Bank's Combo Card, will be launched in the market within next 10-15 days. The date on which the sale of these cards will commence shall be announced shortly. And before we do so, a tentative Time Table will also be made public.

We hope everybody in Jaipur and all those who visit Jaipur will take pride in buying and possessing a Jaipur Metro card and make the best use thereof.